

WHEN Hans Schirmacher last saw his attorney, he was told: "Have a holiday for two weeks. And during that time, prepare yourself psychologically for arrest."

Speaking to me this week, Schirmacher was plainly relieved to be (for the time being) out of the shadow of the Security Police. There was excitement in his voice as he sounded off against the architectural establishment, both in South Africa and in Britain, and described his hopes for the future. His hosty departure from South Africa has left him breathless, but not speechless.

Schirmacher, born in wartime Berlin and trained in the USA, had a successful career and several ISAA awards of merit under his belt, when in 1985 the revelation came that was to set him on a collision course with the Institute of South African Architects.

The catalyst that sparked off Schirmacher's conversion was Marion Crawford, a middle-class white convicted of illegally hiding a black pass offender from the police, who refused to pay her fine. In the context of the widespread injustice in South Africa's recent past, it was not such a huge act of defiance. What impressed Schirmacher was that this stand was taken by a woman who until then had been uninvolved in politics.

His own campaign began with a personal letter to the Transvaal Provincial Institute. "What triggered me was that the TPI invited Cruywagen to their awards of merit function. He is the political boss of the Transvaal, and a political appointee." He checked to see what was happening in the other provinces — and did not like what he found.

"The whole bunch of them, at their own award functions, invited the political head of the province — which already, to me, is a hell of a political statement to make, for an institute which is supposedly committed to human rights, and which supposedly is non-political."

Since the Architect's Act of 1970, the relationship between the profession and the South African government has been explicitly defined. Under the terms of the Act, the practice of architecture is governed via a hierarchy of organisations. All those wishing to practise must register with their provincial institute, with the Institute of South African Architects (ISAA), and with the Architects' Council — the body which governs the ISAA, and which is itself subject to the minister of works. Hence, in Schirmacher's analysis, power flows directly from the Government down through the council and the ISAA to the provincial institutes.

Schirmacher's letter demanding that the TPI's invitation be cancelled was not therefore expected to be successful. But it marked the start of a long, involved campaign that was to lead to 160 ISAA members signing a requisition attached to a Declaration of Human Rights, forcing an sgm on July 7 where AAP's proposals for human rights amendments to the constitution were dismissed as out of order.

At this, Schirmacher and two others resigned from the institute, thereby forfeiting the legal right to practise as architects in South Africa. "People were scared," says Schirmacher, claiming that according to an inside source at Stauch & Vorster (one of the country's largest

Tim Ostler talks to South African rebel architect Hans Schirmacher

Beating the drum



Schirmacher — determined.

practices with extensive government work) employees had been instructed to vote against the motion "or else".

But the AAP found that it had powerful allies too. Tony Mason, head of the property development arm of Harry Oppenheimer's huge Anglo American Mines, declared that his company would in future not give work to any architect who was not prepared to sign the declaration.

AAP now plans to set up a College of Architects to act as an

alternative institute in South Africa. How many members does he believe this College of Architects could attract? "It will depend a lot on the support that I can get from people like the RIBA and the UIA, because they are very important."

Schirmacher believes the view of the ISAA held by RIBA president Larry Rolland and some others in the RIBA — namely, that it is a benign organisation doing its best to ameliorate the situation in difficult circumstances — is

sadly mistaken. In Johannesburg, the new Technikon was the subject of an architectural competition administered by the ISAA. Schirmacher, in his application for the conditions, asked whether the building was to be multiracial, with admission based on merit alone. He received the conditions without a reply. Schirmacher's next letter was answered with a phone call from the rector, asking if it would be all right to reply verbally. Schirmacher insisted on a written reply. The letter describing the terms under which the Technikon would operate finally arrived. Returned with it was his registration fee for the competition.

What does Schirmacher expect the RIBA to do?

"I don't care whether they throw the ISAA out or not. That is not my function for being here. What I would like to say to the RIBA is this: Give the College of Architects temporary status as a free and democratic alternative to the ISAA, and permit us to use that status as part of our presentation to the architects of South Africa. And see what we do in a year. If after a year we have not proved ourselves to you, with real achievements that the ISAA is unwilling to do, then you can say 'Go back to your lovels. Bugger off, we don't want you!' But at least give us the opportunity. Give us the chance."

The steering committee of AAP numbers 15. Can the RIBA really be expected to take seriously a group that is so small? Schirmacher says the numbers that have joined so far are not representative of the real level of sympathy generated by the sgm.

"Everything has to have a beginning," he says. "I can't come here and drop a whole

institute in your lap. What I'm saying is, from the very beginning of this group, you have the chance to guide and to be involved."

But isn't it a bit anachronistic for the RIBA to cast itself in such a paternalistic role for the profession in another country of equal standing?

"We are isolated — never mind nationally, as a country — we are isolated within our country. And it is helpful to find that there is a body that is respected internationally that is giving us a chance. Because we won't get it at home — we have no status legally in our country, because we're not allowed to be in existence."

Will he expect the members of the new organisation to resign from the ISAA? "No, it's too difficult. It's too much to ask of people."

But, just supposing the College of Architects takes off and becomes a viable organisation, how does he expect it to define a form of practice that is morally acceptable yet viable in South Africa?

"It's very simple," says Schirmacher. "You draw the line between all those people who suffer under apartheid — who all require structures — and the structures that actually extend that suffering. And you don't do those structures."

That pressure of a sort already exists cannot be denied. Ever among architects, the depression caused by the unrest has led to a staggering figure of 40 per cent out of work. But, despite previous setbacks, Schirmacher is one of the few voices raised in optimism about the future.

Hans Schirmacher will address a public meeting at the RIBA, at Portland Place, London W1, at 6pm on Monday.

Clean-up project begins

RICHARD Branson's appointment as head of a new Government initiative to create jobs and clean up the environment is now official.

The scheme — first suggested to Branson by former environment minister Kenneth Baker — will be backed by £23 million of public money.

Speaking at the launch of the scheme in Halifax last week, environment secretary Nicholas Ridley said the work would be "a partnership between Government, the voluntary sector and the business world" and would provide challenging jobs for those taking part.

Jobs would centre round reclaiming neglected land for parks, city farms, or wildlife reserves, conserving and restoring industrial heritage, helping tourists with better information, tackling litter, and improving neglected ponds, paths and woodlands.

Student work 'spectacular'

PRESENTING the British Institute of Architectural Technicians (BIAT) student awards last week, Owen Luder said this year's entries were of "spectacularly high quality".

First prize was won by George Clark from the Glasgow College of Building & Printing. Joint second place went to Napier College, Edinburgh, and Sheffield Polytechnic, and a commendation was given to Newcastle-upon-Tyne Polytechnic.

BBC scheme gets airing

PROPOSALS for the BBC development at White City will be the subject of a talk by Alan James of the corporation's architects department at the sgm of the West London Architectural Society on Monday.

The meeting will take place at the Orangery in Holland Park. Tickets are £7. Details from Soo Ware, 01-736 5197.

Welsh hope

THE Secretary of State for Wales, Nicholas Edwards, agreed to the need for increased expenditure on infrastructure, housing and the health care programme at a meeting this week with the Welsh Group of Eight.

Gold Medal

SUGGESTIONS are being sought by the RIBA for the 1987 Royal Gold Medal for Architecture for "work of high merit" or "work that has promoted, directly or indirectly, the advancement of architecture". Nominations should be made to the secretary of the institute by September 15.

Raymond Loewy

PIONEER industrial designer Raymond Loewy died in Monte Carlo this week, aged 92.

Born in France, Loewy emigrated America after war service and worked as an illustrator, his first industrial commissions coming from Sigmund Gieseler in 1929. His celebrated "Cold-spot" refrigerator for Sears Roebuck (1935) is regarded as an important breakthrough in the marketability of design.

Branson in planning row over Virgin hq scheme

VIRGIN Records boss and rubbish minister Richard Branson is at the centre of a planning row over his plans to build a new headquarters at Portobello Dock, west London.

Branson commissioned architects Pinchin Kellow to draw up a scheme in 1984. As well as Virgin's new headquarters, it includes craft workshops and housing association units.

The local planning authority has welcomed the scheme, which it said would bring "life and vitality to a run-down area".

But the former Greater London Council objected to Branson's proposals because it would mean demolishing a 19th century horse ramp and deck, which were listed after Branson bought the site.

Officers at English Heritage — which now controls London's listed buildings — admitted that the platform and bridge leading to the ramp were in bad condition, and could cost millions to repair.

Officers also told members of the London Advisory Committee — who discussed Branson's scheme at last week's meeting — that the whole site was likely to be "blown open" because of a road-widening scheme, recently given DoE approval, which involves the loss of a listed stable block.

Introducing Branson's scheme, Dr Philip Whitbourn, chief officer of the London Division of English Heritage, said that Branson — who has written to Lord Montague objecting to the 18-month delay — had a "hard-line approach" and was not prepared to revise his scheme. But Pinchin Kellow said they could not exclude the listed items because they took up so much of the space. They dismissed a revised scheme drawn up by officers of the London Division as "amateur".

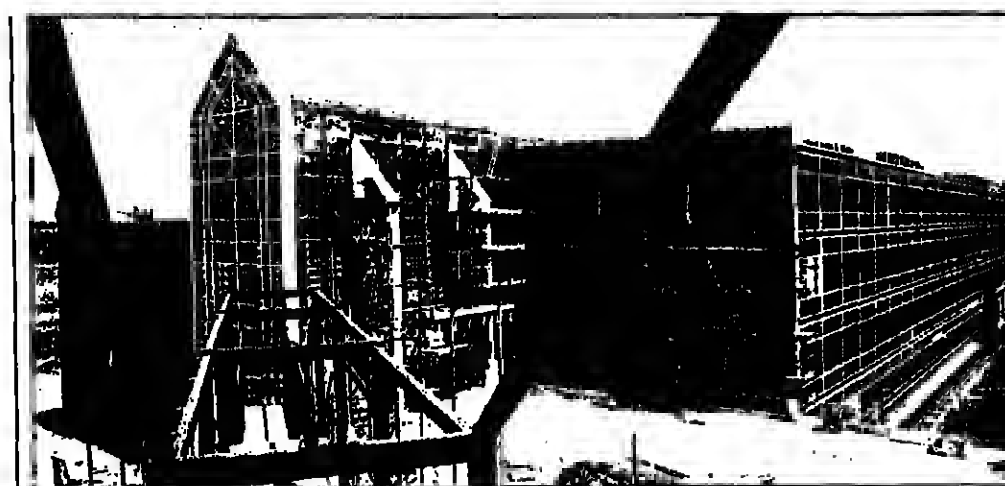
However, committee members refused to give listed building consent. The chairman, Robert Vigers, said the horse ramp was a "fascinating piece of industrial archaeology".

Ashley Barker, head of the London Division, was doubtful if the conservation argument would be accepted at the forthcoming public inquiry, because

the structures had been listed so late.

Committee member Jennifer Freeman told BD that Branson's "piecemeal approach" was not right for the area. She said a decision had been deferred so that the two councils — Kensington & Chelsea and Westminster — could work out a plan that took in a much wider area than that by Branson.

The engineers, Young Austen & Young, have installed a



Bank project duplicates itself

This is Chase Manhattan's new £20 million headquarters in Bournemouth, designed to meet strict US regulations which dictate the duplication of all data banks so that should one half be destroyed by fire the other half will survive.

Designed by American architects Skidmore Owings & Merrill with the Thomas Saunders Partnership, the steel-frame building has been dubbed "the giant greenhouse" because of the huge, laminated sheets of green-tinted glass and the vast 100m atrium rising to a diamond-shaped roof.

The eulais "corey centre" — a satellite building housing the generator, chiller and main power source — is also in two identical halves separated by bomb-proof walls. It has been built using bricks taken from a local farm building.

The engineers, Young Austen & Young, have installed a

heating system powered by electricity — eradicating the need for boilers, pipework and radiators.

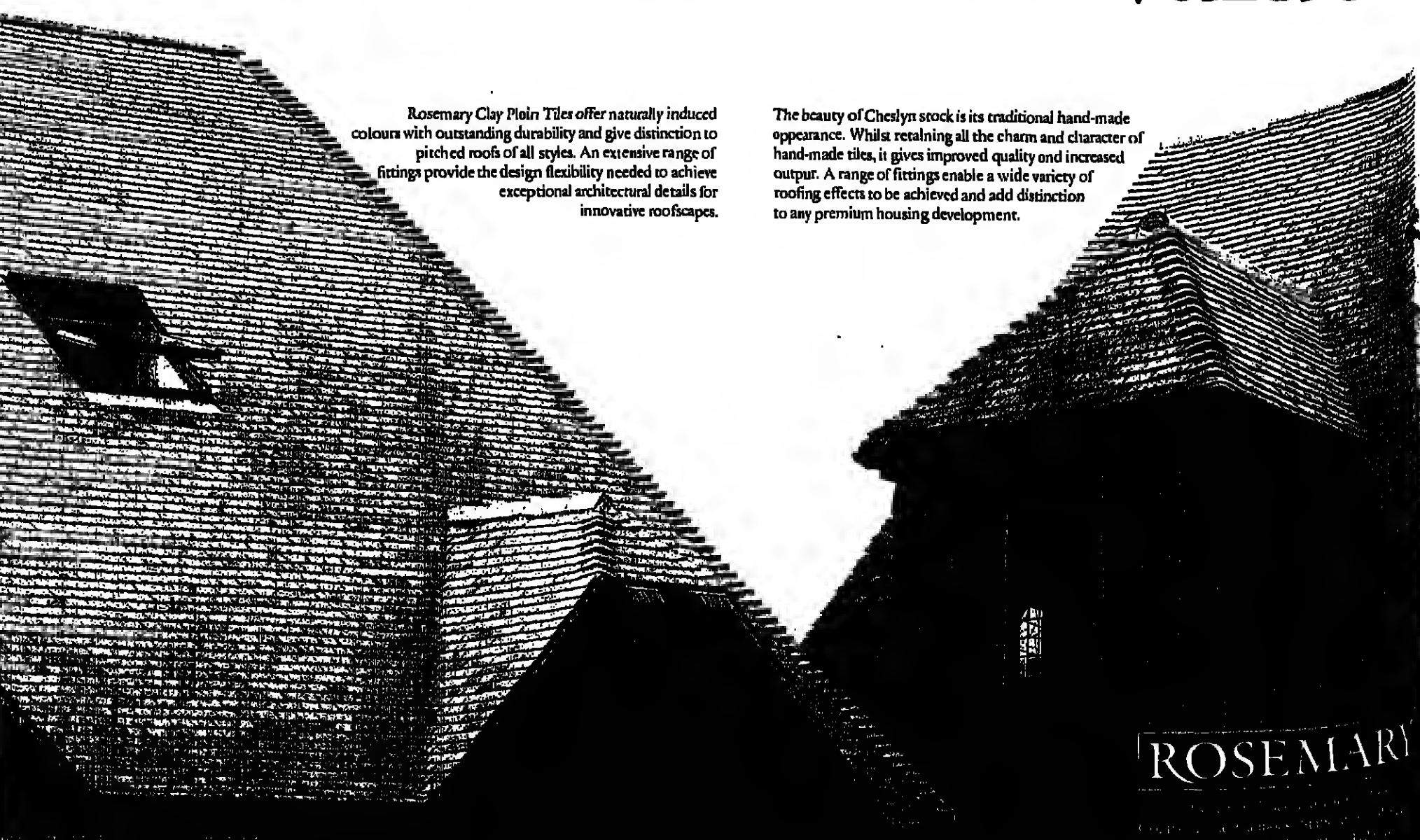
Throughout the building the temperature is regulated automatically by a computer-controlled micro-reporter in the satellite building linked to temperature sensors sited on side pillars in the main building.

Chilled water used in the air-conditioning units is returned to the satellite building at the end of its cycle, where it is then treated with a special chemical to kill Legionnaire's Disease bacteria.

A covered walkway leads from the main building to staff recreation facilities.

Using the "fast track" method of construction — bolting the glass panels onto the frame — means that the new complex will meet Chase Manhattan's tight October deadline, and the arrival of the 14g Hong.

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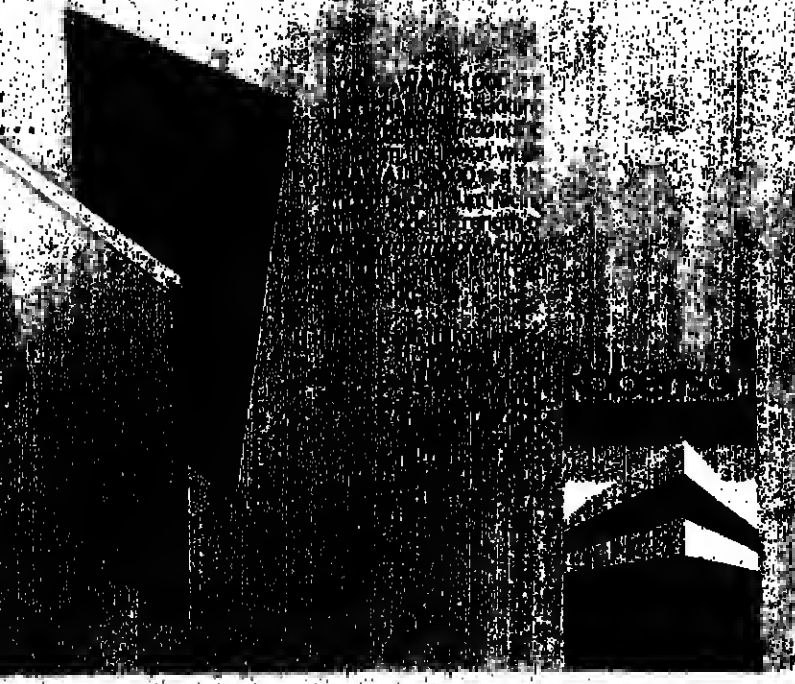
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'Uncaring' attitude to cities attacked

"OUR cities have great architectural potential but we have sadly neglected and mistreated them with insensitive development."

Alfie Wood, chief architect-planner with English Heritage, opened his look at the heritage of cities by criticising the architect and town planner for their apparently uncaring attitude towards urban areas.

"The challenge to architecture and town planning is to provide innovative schemes for economic and social urban revival, complete with the human dimension which was so sadly lacking in the developments of the 1960s," he said.

"Conservation of historic buildings although only 2 per cent of the nation's stock, is a key element in managing the revival of run-down cities. It demands inventiveness coupled with sensitivity on the part of the



Alfie Wood... conservation a key element.

designer, particularly in finding new uses for structures which can become the springboards of regeneration.

"Long-term liabilities can be made to be a city's most valuable development asset."

Wood constantly reminded delegates to remember who they are designing for.

"Town planners and architects should plan and design for the people living and working in the city," he said.

Ridley aims shots at interference from the bureaucrat

OPENING the first day of the 1986 RIBA conference, environment secretary Nicholas Ridley launched an attack on planning controls, recommended the use of traditional materials, and called for fewer restrictions on cars in the city.

In a 30-minute speech he referred, more than once, to the "bureaucratic interference of planners," but said the "crisis of confidence" among architects was mostly the fault of patrons.

"They ask you to build unlivable buildings, to subscribe to the values of planners and councillors instead of to those of tenants and owners."

Ridley said the move to impose communal values rather than private values on people had resulted in "poor quality, unattractive architecture" which had failed.

Although it was widely rumoured that he would be giving details on the eight new urban development corporations announced last week, he made only a passing reference to inner-city regeneration.

"One of the things I want to do is concentrate resources on reviving cities as places where

people want to live," he said, but offered the audience few clues as to how this would be done.

One way forward was for architects to work closely with those for whom they build. The "client", "patron" or the "community" — depending on financial status — must communicate with the architect to make sure they got a building which said "something about them as people or about their corporate image".

"Too much of our bad office and residential architecture now gives a cold, inhuman, uncaring, bleak image," due to modern materials like glass, concrete steel and plastic. He suggested that traditional materials, such as Cotswold stone, should be revived.

"I believe there is still a future for stone — for if I can dress stone, why can't others?" he asked, and later went on to suggest that the unemployed could be taught stone dressing as a skill.

He advocated a "national architectural style" and the "embellishment of buildings by works of art and crafts".

Ridley's final message was addressed to the planners: "It is their interference which impedes creativity and restricts innovations, resulting in an overall architectural blandness."

"I hope the day will come soon when I can advocate freedom from all control."

Only then would it be possible to "foster a climate of confidence in British architectural design so that genius would flourish without bureaucratic interference."



Nicholas Ridley — we need more architecture.

Bishop says role of architects is crucial

RESPONDING to the opening address by Nicholas Ridley, the Bishop of Durham, David Jenkins, said the state of the cities "challenges the politics of all of us" and called on architects to try to "bind together professional abilities, human concern and political commitment".

While calling for more public enterprise and public works, he said it was "not just a matter of cash". A "different sort of wisdom" was needed if the "immense, complex and longstanding problems of the cities" were to be solved.

More important than money, said the bishop, was a "mix" of public enterprise, private enterprise and community participation. But the role of the architect was nevertheless crucial for "shaping the cities".

If architects were to play an active role in the "new citizen's city" they would have to suffer because the work involved could be off-putting and disturbing.

Planner favours democratic approach

ARCHITECT and planner Denise Scott Brown of Venturi, Rauch & Scott Brown outlined her planning philosophy in a three-point statement:

● urban planning should include economic, political and social dimensions;

● the process of planning is important as the plans and must be democratic, with public involvement and regular public meetings;

● decisions should finally be made by elected representatives. Planners should offer candid and realistic analysis of a situation, focus it and present it clearly to all those involved.

Architects should then present the design that made the most of what was available and also within the optimistic range of what was feasible for the community.

"When conditions are



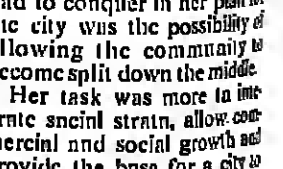
Denise Scott Brown... three-point plan.

constrained then the greater design ability is called for," she said.

Wearing her city planner's hat on Friday, Scott Brown explained some of the urban centres she had been involved with since 1968. She looked at Las Vegas, Philadelphia, Memphis and Boston, and reminded conference of the relationship between architecture, planning and socio-economic conditions.

More than 50 per cent of the population of Memphis is black, and one problem Scott Brown had to conquer in her plan for the city was the possibility of allowing the community to become split down the middle.

Her task was more to integrate racial strains, allow commercial and social growth and provide the base for a city to benefit from better housing and road systems.



David Jenkins... call for approach.

But architects had to be concerned not only with "prestige product and ends meet", but battle for a "practical and immediate approach".

In his conclusion, said the bishop, the cities faced and people brought to earth. When this "even a body like might help us rebuild for commerce and

Bitter Krier declares end to social housing work

IN a dramatic outburst, Professor Rob Krier of Vienna Technical University declared: "I will build no more social housing."

"I've lost too much money (to property developers) and I've got no interest in working for these shit people," he declared.

Livingstone calls for end to defensive mentality

XEN Livingstone, former Greater London Council leader and parliamentary candidate for Brent East, gave a typically provocative speech in which he called for complete local authority independence, so they could do "anything they like in the interest of inhabitants".

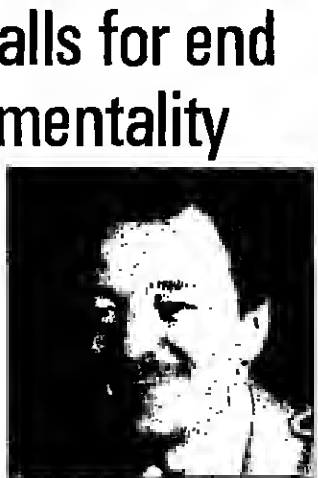
During a terse and often complex financial analysis of the inner cities, Livingstone made constant reference to the "lack of enthusiasm" in local government.

He said the defensive mentality of councils meant all they could talk about was how to avoid cuts.

But the Government's squeeze on local government spending was destroying communities and imposing central standards so that "every bloody town centre looks the same".

Livingstone said that when

Still bitter over his experiences working on housing projects for the International Building Exhibition in Berlin, the influential urbanist and author of *Stadraum* (Urban Space) appeared to be moving closer to the uncompromising stance of his younger brother Leon, who refuses to build



Ken Livingstone... provocative speech.

the Labour Party came to power, the GLC could be recreated in three months, but would be invested with more powers.

Quoting Winston Churchill, he ended by saying the alibi of power away from the centre would be the only way to "set our communities free".

Generation game fails to impress

THE final Friday afternoon session of the conference brought together representatives of "three generations" (more in terms of experience than age) to proffer their thoughts on architecture in cities, writes Ian Latham.

Despite chairman David Rock's valiant attempts to seek common threads and knit them together, the three presentations were so far apart in their scope and terms of reference that most of the audience were left in a state somewhere between confusion and despair.

James Gowan gave what Rock described as a "careful, reasoned and sensitive" address, tracing studies of urban form through Mumford and Summerson. "Constructive" criticism followed of much of the recent architectural posturing, from the Lloyd's building to the proposed "ad hoc arrangement" by a former partner for the Mies Mansion House site.

Most incisive of all, however, was Gowan's condemnation of post-modernism, which demanded the "visibility of the fairground without its tawdriness" and which invited us to take "neither Classical nor modern architecture (nor life) too seriously".

Rem Koolhaas, founder member of the Office for Metropolitan Architecture, showed a new proposal for the "improvement" of a massive housing development in Greater Amsterdam.

In six weeks the office had been required to devise ideas for transforming a "dwelling zone" of 100,000, first conceived in the 60s and now with the worst vandalism and crime rates in the city.

The suggestions, formed within the framework of finding

a positive relationship between the modern age and socialist ideals, are largely non-architectural, concentrating on establishing a hierarchy of landscape, with a new road network, parking areas, paths and communal leisure and social facilities, including a lake with a beach and pier.

It's a story that's becoming increasingly familiar in Britain, responded Rock, with the architect acting more as an enabler than designer.

Kevin Rhowbotham offered no apologies for the seemingly negative attitude of his indictment of current architecture. The problem, he believed, lay with the apolitical and anti-intellectual nature of the profession that accepted the "primacy of pragmatism". Until architecture was brought into the collective consciousness it could serve little real purpose.

Alan Phillips chaired the closing conference forum which brought together the afternoon's speakers, with Denise Scott Brown and Robert Krier, offering the patient audience their chance to respond.

Though the format and spirit of the conference was generally welcomed, and especially the crucial nature of its subject, there was a certain frustration at the pointlessness of mere words.

James Latham affirmed Rhowbotham's call for political will: we had to face the facts of squalor, deterioration and social collapse and seek solutions through popular consent independent of party politics. James Latham suggested that many cities were beyond simply "ditching up" and that we should be looking for a new meaningful city — a city that could be viable in a post-industrial age.

Revue reviewed

THE RIBA's longest-running hoodwink of members and the public was exposed at its own conference party on Friday night.

The performance of Jonathan Glancey in "Off the Record", an architectural revue, made it clear that Prince Charles has never been near Portland Place and has probably never heard of the RIBA. The *Architect* editor's mastery of the helix's voice and gestures proved conclusively that he had perfected the role on those "royal visits" to the Institute.

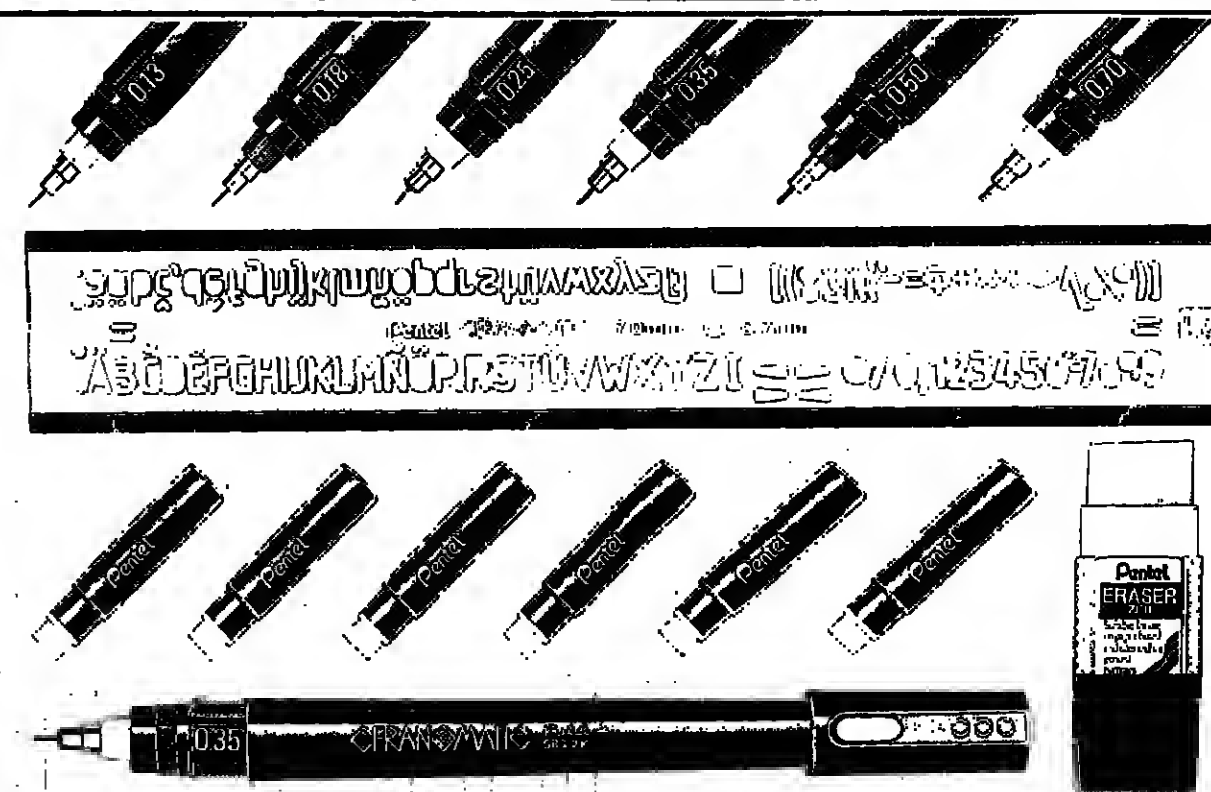
The "miraculous" appearance of the Bishop of Durham at an earlier session of the conference was revealed as just another example of actor Paul Trig's talent for mimicry and even God's reputation was punctured as Laus Hellman informed us, in verse, that he only thought he was I.C. Corbuser. In a series of rhyming couplets, Hellman demolished the pretensions of architects from Gropius to Foster, he of the brain which cannot be seen, constructed entirely from neoprene.

The avatars ceremony to present this year's Larries cauterised all the glamour and

heartache of show business as Travelstead and chorus (unlabeled) intoned "Is there a place for us (to build a yankee dream)?" to the LDDC in a version of "East Side Story". But Larries' chiefs came out in earnest for Brenda Davies' version of Mrs Minnie Rollo's accompaniment of herself on the piano in a heartfelt rendering of "Yesterday (Portland Place was just a far-off dream, he was fishing by a mountain stream)".

The puny nature of this was rivalled by Mrs Rollo's husband and Patrick Harrington playing themselves in "Yes (President!)" Scriptwriters John Morris and Paul Finch obviously realised that the way to get a good performance is to ask actors to be themselves.

Jan Burney



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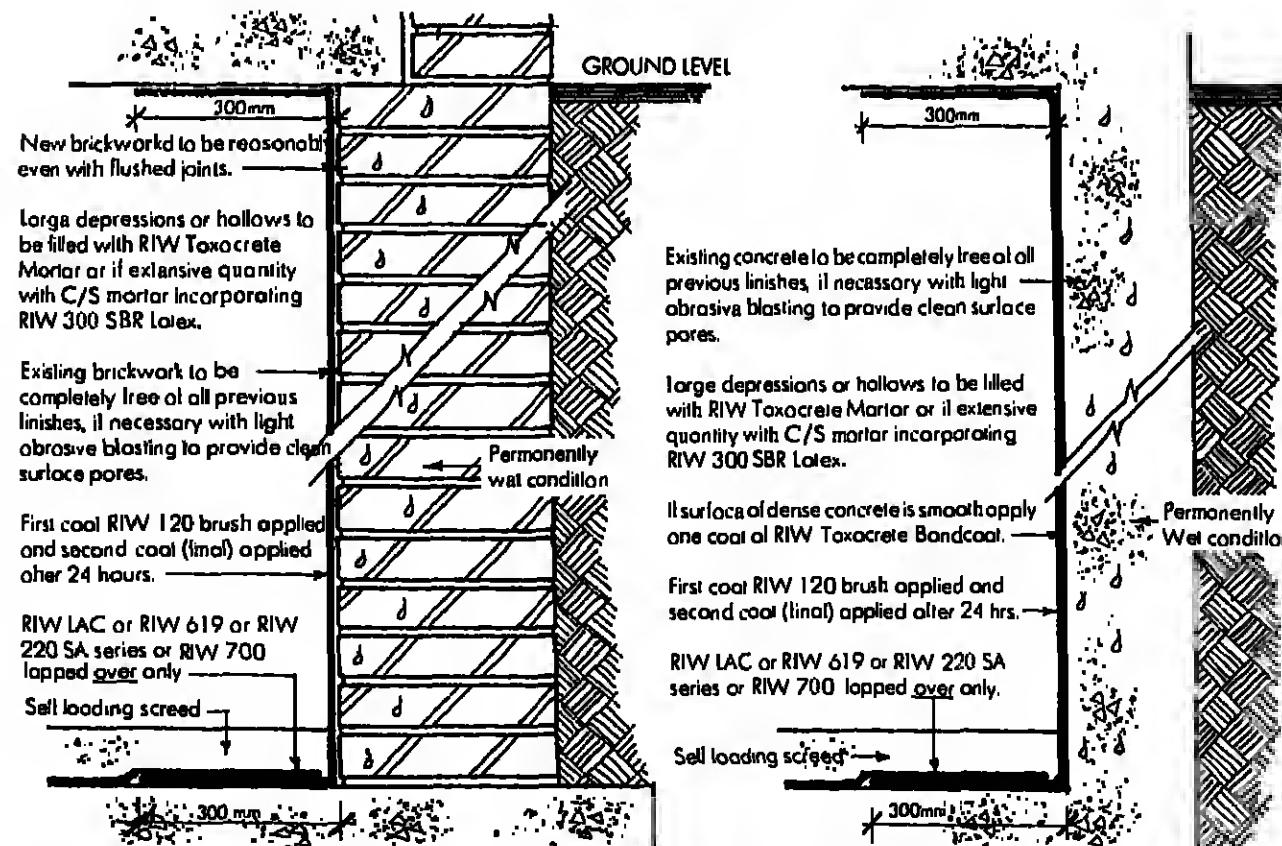
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Wet substrate

John Geller

• PROTECTION AT SERVICES ENTRIES

News

Council set to demolish 10 blocks

BIRMINGHAM District Council plans to demolish eight blocks of high-rise flats in Castle Vale and two in Bartley Green because repair and modernisation costs are too high.

The council's housing committee said it would be cheaper to demolish and rebuild but that

By Alan Thompson

the flats were not in immediate danger and would not be demolished for up to 10 years.

Latest figures for a suitable repair and refurbishment programme put costs at more than £15,000 per flat.

Structural reports by consulting surveyors CAN UK on most of the council's high-rise properties show that more buildings are likely to be too expensive to repair.

Preliminary findings for the eight 16-storey blocks on the Castle Vale estate show the main concrete spandrel beams could need repair, all external mosaic

cladding has to be removed, the gable walls and parapets need attention and the inner skin of the hollow block external wall is defective.

The housing committee considered three options:

• To repair concrete beams and walls and overclad exposed areas, giving the blocks 30-year life at a total cost of £11,348 per flat.

• To repair the beams and walls as above but to restate the mosaic cladding. Total cost per flat £9,848.

• To repair the beams and walls and to paint on a proprietary coating which would not require repainting at least for 10 years. Total cost—£8,839 per flat.

Only the first option is acceptable to the council. But addition to the repair of cladding costs, the transfer of tenants and a modernisation programme would have brought the cost up to just less than £16,000 per flat—much more expensive than demolishing and rebuilding.



Hackney's showpiece

Rod Hackney (second left) and residents of Black Road, Maresfield, moved showed representatives from a London estate around their community architecture showpiece.

The tenants' association from Newbury House, Kennington, has arranged several fact-finding visits since community architecture experts the Thompson Associates were appointed to conduct a feasibility study into the estate, owned by the Duchy of Cornwall.

More than 40 tenants went to Lea View estate in Hackney (another Thompson project) and there have also been visits to co-operative housing projects in London and Liverpool.

Hunt Thompson have now given their report to the Duchy and it is hoped findings will be available in two weeks.

• Delegates at the RIBA's "City-Wide" conference were encouraged to participate in the international community architecture conference planned for this year.

Closing the conference, RIBA president Larry Holland said the Institute was very pleased to be supporting "Building Communities", the first international community architecture conference.

Wakefield makes plea for more house repairs cash

WAKEFIELD District Council has asked the Government to raise its housing improvement allocation by more than 400 per cent to £31 million to enable it to carry out essential housing repairs and improvements.

But housing officers have been told to expect a cut on last year's £7 million allocation and tenants could have to wait until the year 2027 for essential repairs to their homes.

One council officer said: "We need £100 million now to carry out essential repairs."

A report by the council claims that 4,600 houses built after the war are in need of substantial repair and improvement. The cost of the work is estimated at £49.3 million.

Monotremes last chance

THE RIBA's 1986 International Student Competition is exhibited at the Royal Academy, Piccadilly, London, until July 20, and at RIBA as listed in Design.

News



Sainsbury's has unveiled its John Living & Morrison Rose superstore proposal for Portsmouth. The £6 million development will involve the demolition of the Old Bell's School building, but the Clarence Street facade will be retained (right, foreground).



Government talks offer welcomed

THE Association of Metropolitan Authorities has welcomed the Government's offer of further talks on the possibility of higher capital allocations for housing.

The association said the Government had now accepted it had a responsibility to deal with problems which would cost £19 billion to cure.

AMA housing chairman Clive Betts said most of them were not caused by lack of maintenance but by "poor design and unforeseen problems".

Higher rents, which the Government is asking local authority bodies to support, would not solve the existing problem, said Betts.

But he welcomed discussions with environment secretary Nicholas Ridley, who he said recognised the problem.

"We want to see his words translated into action," said Betts.

Oxford council advised to hire outsiders for extension

By John Wood

OUTSIDE architects are likely to be used to design a leisure centre extension in Oxford because the city's own architects department cannot handle the job.

A meeting of the city council's finance committee last week voted to advise the council to hire Faulkner-Brown Hendy Watkinson-Stonor to design the £1.6 million extension.

But city publicity officer Roger Budden denied charges that the council's architects do not possess the expertise to do the job. "We have got staff with the necessary expertise, but they are employed on other jobs," he said.

He defended the committee's decision, saying design work had to start this month and there was not time to train other members of the department or recruit architects with the required skills.

Budden also denied reports that hiring private architects would cost ratepayers an extra £200,000.

"The work will cost £200,000," he said. "But it would have cost that much if our architects had done the work, and it was allowed for in the original budget."

new motorways like the M25 attracting the development of "high-tech" properties in green-belt land.

"In the absence of regional policies, green belts will continue to serve a crucial role in guiding development—and particularly in dispersing it away from the South-east," Grove White said.

Channel's opponents link

LAMBETH and Kent councils joined forces at the House of Commons this week at a press conference announcing their united plans to oppose the Channel Tunnel. Lambeth is against a terminal at Waterloo, while Kent opposes the principle of the tunnel.

Farrell's town centre plan gets a £45,000 boost

HAMMERSMITH & Fulham council is giving Terry Farrell £45,000 to develop his Hammersmith Town Centre scheme.

The newly elected Labour council is firmly opposed to the controversial Bredero proposals for massive office development, which it says is "irrelevant to community needs".

The council is also giving £50,000 to the Hammersmith & Fulham community trust to refurbish the Emerald Club on the north-east side of the site.

The freehold of the club was given to the trust by the Greater London Council during its last week of office.

The council said the club's location was a "further hiccup" to the Bredero scheme.



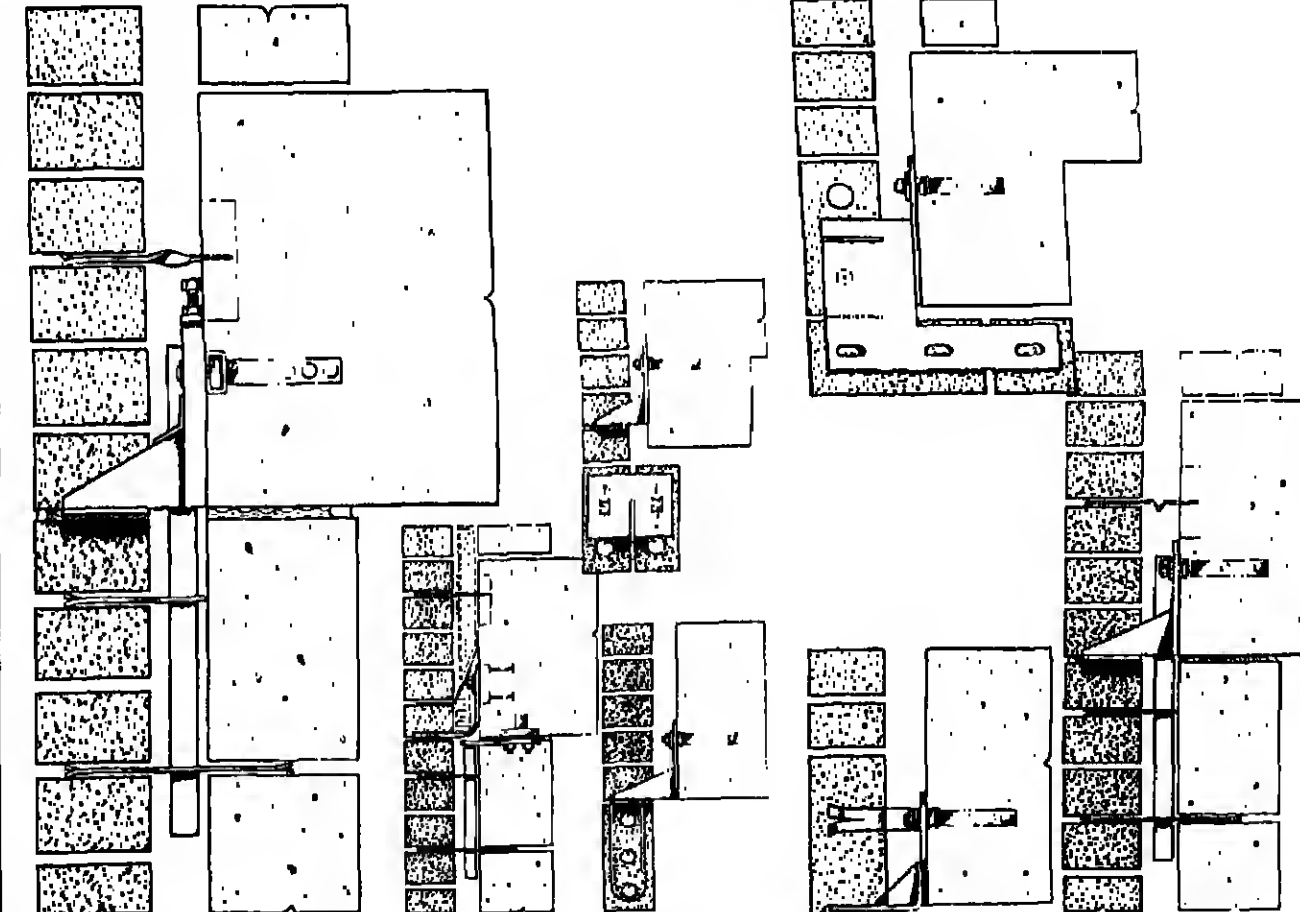
On show in China

The architecture and building branch of the Department of Education & Science will show 18 British organisations represented at the recent China Design Exhibition in Beijing. The exhibition is a joint venture of the Chinese State Education Commission, and Grace Kenny, senior research officer at the DES.

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Overseas notes

French dressing

CAPABILITY Brown was once approached by a wit with the remark that he was prepared to die first, if only to see heaven before it was landscaped with rolling hills and artificial lakes.

So it is today, when touring the magnificent restorations of entire streets in the gem towns of Brittany, where the visiting architect may be forgiven for his cynicism in photographing the few, yet unrestored buildings, if only as a record of what real towns must have been like before 20th century gentrification.

Throughout this century the French have been producing an armoury of laws and regulations for the rehabilitation of historic districts: from the 1913 Act for the protection of historic monuments to the Planning Act of 1985. During this period, in the words of one government official, "the municipality became the motor of planning".

In Brittany last year, some £2.25 million was allocated to the replanning of 60 small town



Jim Antoniou

centres. The same amount has been set aside in the 1986 budget. More than 75 per cent of the Brittany regional budget for this year is being used to promote economic activity and employment. Thus, half the labour force in the construction sector in Brittany is employed in rehabilitation work. Restoration is also absorbing two out of three craftsmen in the region.

Beyond the construction industry, the aim is to assist economic growth, housing and not least tourism. In Brittany, some 14 "tourist reception areas" have been created. In addition, there is a register of "small towns with character", comprising 15 members, with the aim of exploiting the heritage value, mainly by promoting tourism.

Moreover, the patrons of conservation are not simply limited to hardcore environmentalists. In France, substantial sums are being invested directly into building restoration by no less a patron than the electricity authority — our own Electricity Board please note.

When walking around these charming places such as Rennes, Vannes, Vitré, Dinan, Lizio, Josselin and Rochefort-en-Terre, it is clear that many of these Brittany towns have received a highly polished veneer of restor-

ation: not a beam is out of place, not a stone remains undressed. Yet behind this facade of Breton charm is the nagging feeling that towns have been transformed into little white cubes from scruffy but living entities into precious and decorative objects.

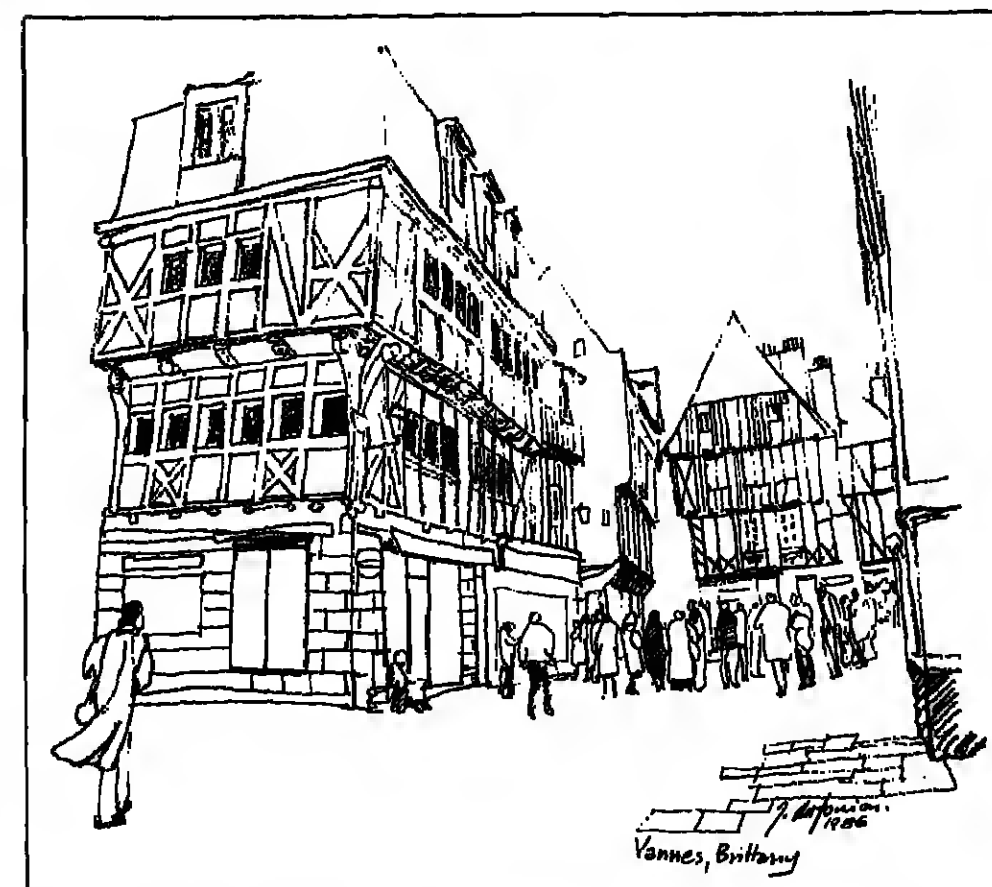
Thus, the once forbidding castle entrance has been transformed into a leafy tranquility, where once boiling oil threatened intruders, now hanging flower tubs greet the visitor. The historic dungeon has been tastefully turned into a reception hall; the meagre loft room, with its poignant sense of sea history, into a modern bathroom.

Undoubtedly, there is much to learn about buildings in context from the past, where sense of place has been of great importance when adding buildings. But increasingly, there seem to be fewer and fewer opportunities for innovative application. Few new buildings have been allowed to have a say in these precious medieval settings.

As in all European cities today, where energetic scrubbing of a fragile heritage is now standard practice, whether in Brittany or in the Cotswolds, there is no clear notion as to what role such towns are to play in the 21st century. Will they still be regarded as "old" districts, segregated from "new" ones, or will they be seen as they have always been in history: as living urban centres, with opportunities for continuous change and development?

The Swedes have a proverb: "If you can't find the beauty of its flight". It would be said if architecture in European towns was grounded at the expense of capturing nostalgia.

Jim Antoniou is an architectural and town planning consultant who has been involved in many overseas projects, acting with agencies including the World Bank, the Council of Europe and Unesco, as well as with private clients.



Vannes, Brittany: a little white lie?

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The books listed below are available through the Architectural & Construction Bookshop. A special service for readers provided by Morgan-Grampian Construction Press.

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2. Building Regulations Explained and Illustrated (Seventh edition) by Powell-Smith and Billington. Covers the new 1985 Regulations for all building types for England and Wales, with extensive illustrations and references to regulations and Approved Documents. Price £14.50 (paperback) £21.75 (hardback).

3. Hotel Planning and Design: a guide for architects, interior designers and hotel executives by Walter A. Ruten and Richard H. Penner. Identifies the key opportunities in this field and analyses the planning and design criteria for nearly 30 different hotel types. Specialised and up-to-date guidance unavailable elsewhere. Price £49.50.

4. The Classical Orders of Architecture by Robert Chitham. Immaculate line drawings and informative captions explaining the origins, development and practical usage of all the classical architectural elements. Invaluable to designers and fascinating for their clients. Price £16.45.

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7. Legal and Contractual Procedures for Architects by Mark Greenacre. New edition of this popular reference work which gives concise and simple guidance through the legal and contractual maze of everyday architectural practice. Price £9.85.

8. Contractor's Claims: An Architect's Guide by David Chappell. Explains how to avoid situations which give rise to contractor's claims for delays or expenses, and how to deal with them when they do arise. Price £15.35.

9. Manual of Graphic Techniques 4 by Tom Porter and Sue Goodman. The latest volume in this series uses drawings to show every aspect of development and presentation of plans, from interiors to elevations, site sections to sectional perspectives. There are black and white photographs and line drawings throughout. Price £9.85.

10. Specification 85 by David Mann. Eighty-second edition of this annual reference source for architects and specifiers in the construction industry. Volume 5 is a commissioned new volume devoted entirely to specification clauses. The six volume set is supplied in a library box. Price £57.50.

BOOK OF THE MONTH
Space on Earth—Architecture: People and Buildings by Charles Knevit. The heavily illustrated book of the current Channel 4 series takes a fresh look at some key issues of architecture and planning over the last 100 years: cities, skyscrapers, mass housing, conservation, and future trends, including community architecture. Price £9.85 (paperback) £16.45 (hardback). Inc. P&H.

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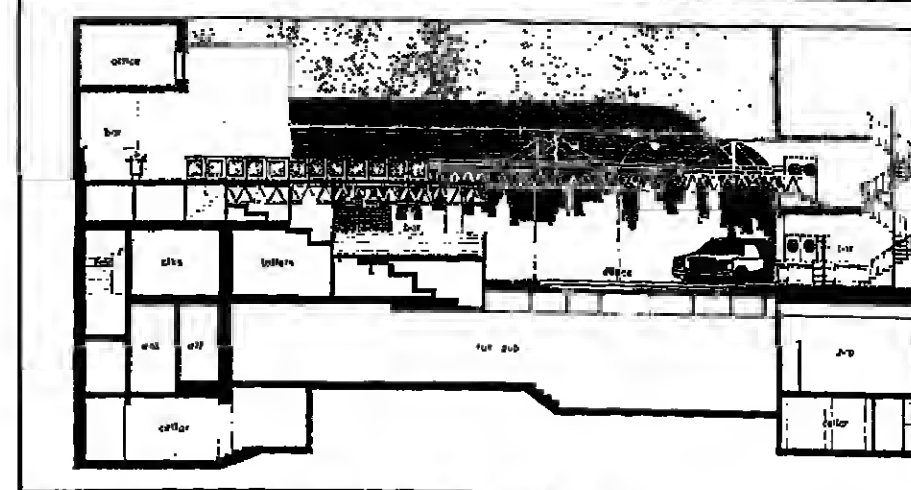


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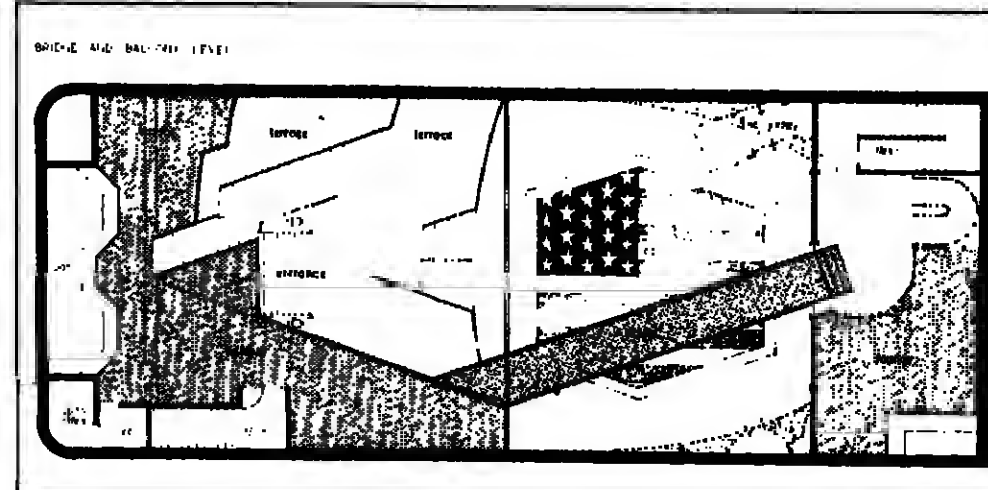
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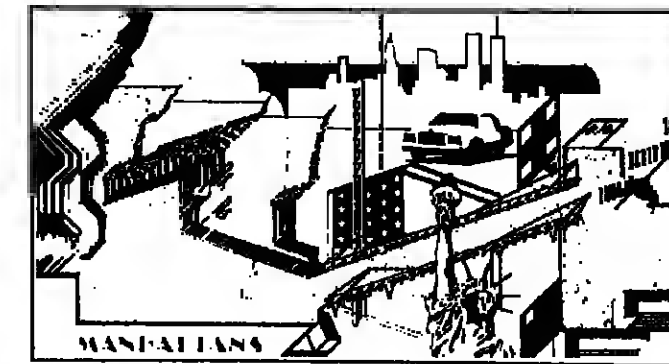
Longitudinal section. The architects added a new floor at first-floor level.



Bridge and balcony level plan.

MANHATTAN TRANSFER

Fiona Gorman goes
nightclubbing in
downtown
Barrow-in-Furness.



Manhattan's axonometric.

ONE could be forgiven for thinking that New York and Barrow-in-Furness have got about as much in common as chalk and cheese. But the Cumbrians would tell you different, for they have a smart new nightclub, Manhattan, which gives them a real taste of the Big Apple.

The nightclub was designed by the 15-month-old James Baird & David Newby architectural and planning practice in the circle of the town's old cinema. The architects' £300,000 design takes many of the dormant elements of the Art Deco building, such as the proscenium, tiering and dramatic ceilings and re-uses them to create a new angled geometry. A new floor has been added at first-floor level which sits between a series of terraces and levels built behind the proscenium. The terraces, built off the original tiers, lead to a balcony and onto an enclosed bridge spanning the dance floor.

It was this bridge which helped inspire owner Terry Smith to name the club Manhattan, recalling the entrance to the heart of New York. The nightclub — now the scene of amateur dramatics as well as drinking and dancing — has been designed to hit the eye as dramatically as possible using

heroic proportions, props, wit and eclecticism to match New York's personality. The construction is largely of brick to reflect the brownstone of Greenwich Village. The entrance to the club has been disguised as a subway entry marked by traffic lights and various areas of the club are labelled by uptown and downtown street and avenue signs fixed to street lamps. These all form part of a computer-controlled light show. The hall can accommodate about 1,000 people comfortably and the architects and client aimed to enhance this feeling of space by creating a night sky using more than three miles of fibroplastic to resemble 2,000 shimmering stars. Programmed flashes of lighting streak across the sky and illuminate the walkway.

An old Cadillac has been cut away so that it has apparently crashed into the wall and smoke spews out while the disc jockey runs his show from the inside. A replica of the Statue of Liberty and abstraction of the Manhattan skyline on screen-printed glasswork combine with the red, white and blue stars and stripes carpet to underline the theme.

Client: Terry Smith. Architects: James Baird, David Newby. Main contractors: Malcolm Goodwin; Poplar Car Supplies; Ward Glass; Ross Brewery. Electrical contractor: Jim Symon. Shades: Screen Print.



Even the Statue of Liberty has a home here.



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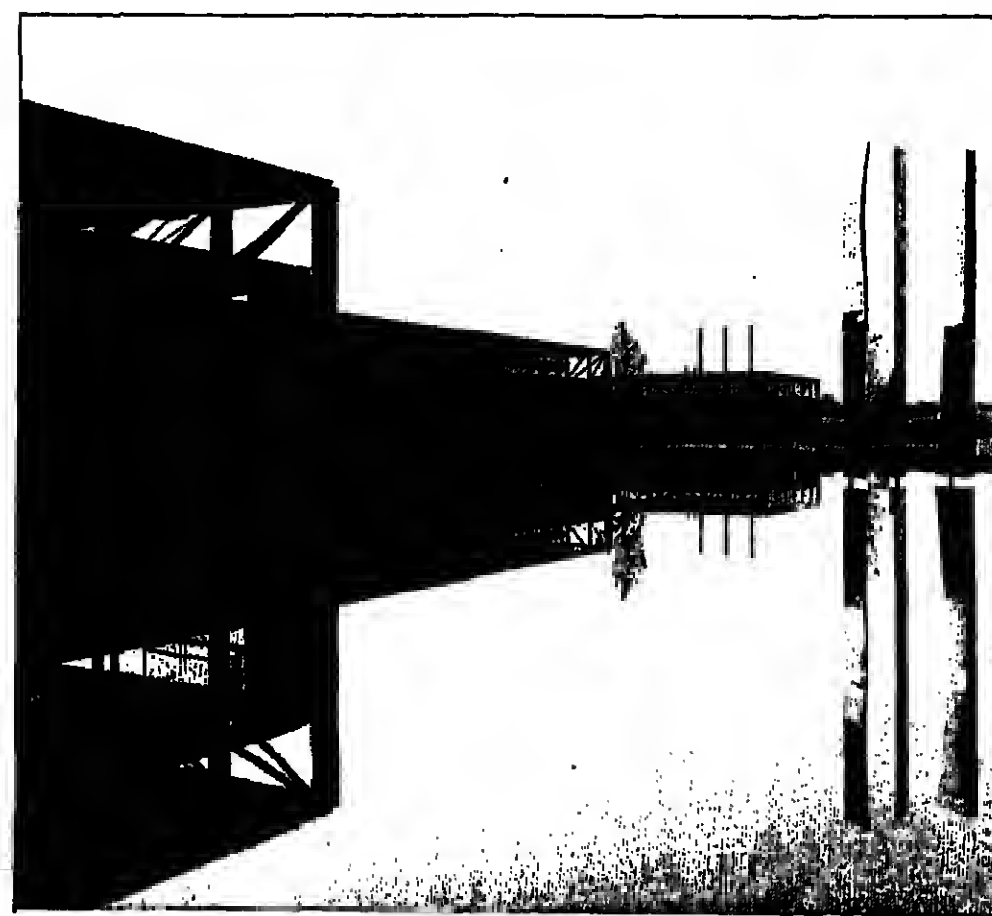
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Practice profile

DESIGNER COLLECTION

Fiona Gorman talks to an Irish practice which designs with art in mind. Photos: John Donat.



Gerda Frommel's sculpture for the P.J. Carroll tobacco factory at Dundalk.

THE idea of uniting art with architecture comes as naturally to some people as a sip of whiskey in coffee — and is just as unwelcome to others. But few practices show such a commitment to the concept as Irish architects Scott Tallon Walker.

"To me," says Ronald Tallon, "a building without works of art is empty. It's like a building without people." His opinion has been shared by the practice since the early days of founder Michael Scott.

Throughout his acclaimed architectural career Scott referred to his interest in art, making it the main focus of his attention after his retirement in 1975. His Irish Pavilion for the 1939 New York World Fair, for example, faces the world with a sculpture by Friedrich Herkner and lettering by Eric Gill. These elements are not included as artefacts, but integral parts of the design.

And so it has been ever since. It is this philosophy of entwining the two artistic strands which the practice, now led by son Niall Scott, Tallon, Eugene McLernon and Michael Aston, seek to promulgate. Potential employees are quizzed as to how often they attend exhibitions. Tallon, who has been a partner since 1958, explains: "It is a natural progression. We always think in terms of works of art in buildings. It used to be that there were paintings on buildings. Art has only recently been divorced from them."

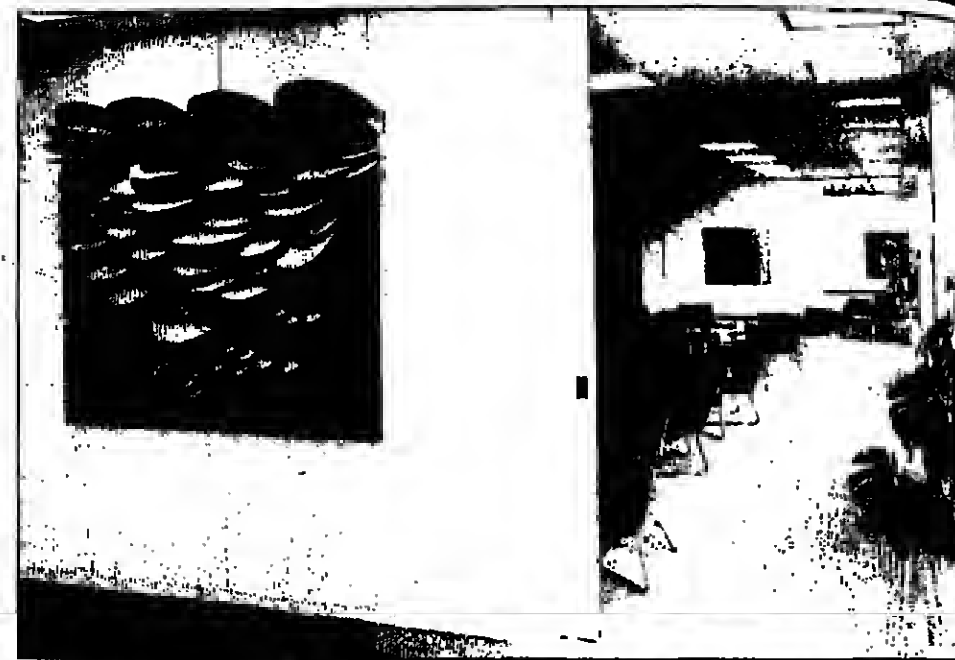
But other architects seem reluctant to design with art in mind, perhaps fearing that artists may underline their own creative inadequacies. Although Tallon acknowledges this crisis of confidence, he refuses to accept that a pluralist approach poses any threat to their designs or cramps their creativity: "We like to keep the interiors quiet, with use of natural materials as much as possible. People take on a presence in a building. It's the same with art. There is so much colour and variety in people, the nearest thing you can get to that is a painting."

It would appear that most of their clients agree. Tallon reckons seven out of 10 take to the idea of incorporating art within the overall design of the building, though one must bear in mind that many would not turn to the practice at all if they were not aware of what STW tend to do.

And of those who do not want art inside or out? Some will get away with a stylish building without a trace of sculpture or painting, while others may be subject to a little gentle persuasion.

Scott Tallon Walker point out that not only can works of art help introduce a more pleasing working environment and give patronage to artists who may otherwise receive little work, but they can also represent a sound investment.

The Bank of Ireland headquarters in Dublin — designed by the practice in the 70s — now boasts a modern art collection to



Derek Hirst's pictures define the corridors of the Bank of Ireland. The piece in the foreground is by Alexander Scott Tallon Walker's studio for sculptor Michael Warren is designed to complement his work and his thinking.



Richard Long's mural for the Guinness Hop Store.



John Burke's sculpture for the Bank of Ireland.

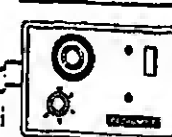
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equal any in the country. Another client (from) the paintings and tapestries in its administrative areas so popular with the employees that they are now looking for appropriate works for the production areas.

Scott is convinced of the value of this eclectic design approach: "If you take away the works of art in our buildings, the buildings are very nice — but the art puts them on another scale."

And, providing it is budgeted for from the outset, it is easy enough to justify the cost since it rarely works out to more than 0.25 per cent of the total bill. And, as Tallon points out, the cost of panelling a wall elegantly — if unimaginatively — can be far greater than plastering it and then commissioning a painting for it.

Scott would like to see the French and Dutch system come into play: every building project there has to include an artistic commission to the tune of 0.5 per cent of the total cost. Tallon stipulates that the architect should be responsible for choosing and briefing the artist, because he is the person who understands the building best and the forms certain spaces and vistas require.

Despite this apparent protectionist attitude to their designs, Tallon explains that when it comes to commissioning artists, "we tell them the scale of art we want to work with the building, but mainly we give them as free a hand as possible."

They may indicate an appropriate material or theme, such as

a nautical reference for the Dublin Port & Docks headquarters sculpture designed by Michael Warren.

Warren is one of several artists who have established a close relationship with the firm over the years and Scott Tallon Walker were keen to reciprocate with a new studio for the artist which was designed to complement his thinking and his works.

Another frequent contributor, Patrick Scott — his works include tapestries for the Bank of Ireland and, more recently, the London Light Source headquarters — was an architect with the practice for many years before devoting his time to painting and design.

Tallon is also responsible for drawing together artists for the quadrennial Rose ("Poetry of vision") international art exhibition, initiated by Michael Scott in 1967, so the practice's ties with the world of modernism are constantly reinforced and updated.

Tallon is in no doubt about why architects and the public are reluctant to commission modern art for their premises. "There is a lack of confidence in our own time," he says. People choose art and books which have already been deemed "classic" rather than run the risk of being criticised for their taste, or lack of it. But the penalty for this lack of courage is, as Tallon is at pains to point out, a poor representation of the talents of contemporary sculptors and painters.

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PO3 — PO4 £13,578 — £15,804

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ARCHITECT

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In the first instance please write stating age, qualifications, previous experience and salary required to:

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Premises Division
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For further details and an application form write to Civil Service Commission,

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Wolverhampton Council welcomes applications from all sections of the community irrespective of an individual's sex, ethnic origin or colour and from people with disabilities who have the necessary attributes to do the job.

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with around 5 years detailed working drawing experience.

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Scale 2/3/4
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Queen's Buildings, Potter Street
Worksop, Notts. S81 0TS

The successful applicant will be required to assist generally in the Quantity Surveying Section with duties ranging from the feasibility stage through to final accounts.

Ideally, the applicant should have some relevant experience in a Quantity Surveying Office and be studying for a Building qualification; day release will be granted in approved cases. The applicant should also have a basic knowledge of Bills of Materials preparation, Interim Valuations, re-measuring works and estimating. The Section also operates a micro-computer for which training will be given.

A casual User Car Allowance and car loan scheme are applicable to this post. Applicants should possess a current driving licence.

APPLICATION FORMS can be obtained from the Personnel Officer, Central Depot, Hundred Acre Lane, Carlton Forest, Worksop, Notts. S81 0TS (or telephone Worksop 478831, extension 138), and should be returned by the CLOSING DATE of 8 August 1986.

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Assistant Research Surveyor

Scale 4/5/6
£4,900-£9,391
(Re-Advertisement)

Applications are invited for the above post from persons with a good knowledge of building construction with particular reference to building materials and components. The postholder will be required to assist the Research Surveyor in providing technical information on new and existing products to various members of the design and maintenance sections of the department. They will be expected to acquire specialist knowledge relating to particular components and undertake specific studies on problem areas as and when required.

Applicants should have or be in the process of obtaining a relevant professional qualification, such as Part II of R.C.S. (Building Surveying Division) or T.E.C. Higher Certificate/Diploma or equivalent.

Application forms and further details can be obtained from the Director of Land and Buildings, Shire Hall, Warwick CV4 4RP. Tel. Warwick (0926) 492431 ext 9059.

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Calcot, Reading RG3 7BW

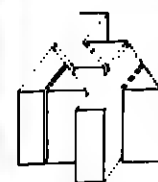
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Telephone: 0234 767644

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YEAR OUT STUDENTS

(WITH A MINIMUM OF 2-3 YEARS EXPERIENCE)

Projects currently being undertaken in the practice include major hotel and office developments in London, high tech research buildings and a number of unconventional refurbishment projects.

Please send your CV to:-

Liz Sanders

John S. Bonnington Partnership

Tyterhanger House

St. Albans, Herts AL4 0PG

Telephone: 0757 83633

SENIOR SERVICES ENGINEER

Up to £15,195 p.a.

Applications are invited from Members of the Chartered Institute of Building Services Engineers or from similarly qualified persons for the above post in the Architects Department of the Corporation. The successful candidate will have responsibility for overseeing the Corporation's Services programme into the next decade covering a wide range of building projects comprising Advance Factories, Commercial Properties, Shattered Housing and House Modernisation.

It is essential that applicants demonstrate a wide knowledge and experience of electrical work, a working knowledge of mechanical services would be advantageous. Previous supervisory experience is necessary as the successful candidate will require to supervise a team of Engineers and Clerks of Works who are responsible for the implementation of all services content of contracts from initial design stage to completion.

Salary placing will be in relation to qualifications and experience. Generous annual leave and public holiday entitlement, choice of superannuation schemes and free group life assurance. Car loan scheme and allowance may be available and removal expenses may also be paid.

Application forms are available from the Personnel Department, and completed forms should be returned within 14 days of the appearance of this advertisement. East Kilbride Development Corporation, Atholl House, East Kilbride. Tel. East Kilbride 4111.

East Kilbride Development Corporation

Join Britain's most successful new town.

PRACTICE ON THE SOUTH COAST MAKES PERFECT!

We are looking for the right people to join us as they Architects or Technicians. Contact us with your CV.
INNERDALE HUDSON PARTNERSHIP
25 Lushington Road, Eastbourne
E. Sussex BN21 4LG

BRISTOL

FUTCHER & FUTCHER

107 Lower Radland Rd, Bristol BS6 6SW
require an Architect near or Post Part III to take on interesting O.P. housing projects.

Design ability important.

Good experience with friendly office.

Principal Architect

Salary Scale: £11,850-£12,885 per annum

Based within the architectural section of the Technical Services Department, the successful applicant will be required to deputise when necessary for the Assistant Director (Architecture) and to assist in managing and co-ordinating the activities of the section, as well as preparing and advising on architectural design and contractual matters.

You will be a registered architect with several years post qualification experience in an office producing a good standard of architecture. Experience of local authority housing would be an advantage but of greater importance are a high standard of professional competence and design ability, a pleasant manner and the necessary drive to achieve programmes successfully.

Additional benefits include temporary housing, if required, and generous relocation expenses to this fast growing, pleasant rural area with easy access to London, Cambridge, The Midlands and the North.

Application form and job description may be obtained from the Personnel and Training Officer, Pathfinder House, St Mary's Street, Huntingdon, Cambs PE18 6TN. Telephone 0480 42151. Closing date: 4th August 1986.

HUNTINGDONSHIRE DISTRICT COUNCIL

Group Architect

£12885-£14025 (salary award pending)

An experienced and enthusiastic architect is required to lead a busy team of architects and technicians engaged upon a variety of major projects in a progressive multi-disciplinary office which possesses a CAD facility. The post involves all technical aspects of project running from inception to completion and also carries responsibility for programming and co-ordination of the groups work.

Application form and further details from Property Department, County Hall, Exeter EX2 4QQ. Tel Exeter 27 2603. Closing date 8 August 1986.

DEVON

DIRECTORATE OF TECHNICAL SERVICES Development Services Division — Architecture Group

Architectural Assistant/ Technicians

(2 posts)

Starting salaries between £8,813 — £11,331 depending upon experience and qualifications.

We are looking for enthusiastic and experienced technical staff to strengthen the multi-disciplinary Architecture Group. You will join established teams responsible for a varied range of projects at all work stages.

If you have a good track-record and can demonstrate initiative and first-rate technical skills, we can offer positive opportunities for individual responsibility and advancement.

There is a possibility of day release for those on a course of study.

Application forms and further details quoting Ref 804/AAT from Assistant Controller (Support Services), Barnet House, 1255 High Road, Whetstone, London N20 0EJ. Telephone 01-448 8511, ext 4480 (ansaphone during office hours) or ext 4484.

YORKSHIRE REGIONAL HEALTH AUTHORITY
Regional Architect's Department - Harrogate
TECHNICAL ASSISTANT
GRADE II
Salary Scale: £7,596-£8,480 (under review)
 Required to join a team of Architects and Technicians engaged in an on-going programme of health buildings. Our modern offices are situated in the centre of Harrogate and also house the fellow disciplines of the Estates Directorate.
 Applicants must have an ONC or HNC with 7 and 5 years relevant experience respectively. Candidates who have alternative qualifications in an appropriate subject will be considered.
 Experience in health building would be an advantage.
 Application form and job description may be obtained from and should be returned to the
Regional Personnel Officer
Yorkshire Regional Health Authority
Park Parade
Harrogate HG1 5AH
 (quoting ref no PY17)
 Closing date 1 August 1986

BURGESS & PARTNERS
Architects, Planners, Quantity Surveyors
ARCHITECT/URBAN
DESIGNER
 required by established busy practice in Central Cardiff. Design ability and experience in mixed use commercial developments essential.
 The successful applicant will be expected to take an active role in expanding the Urban Design/Planning capacity of the practice and will be working in the close liaison with both Architectural and Planning Partners Associates on a variety of projects.
 Attractive salary and working conditions.
 Apply in writing with C.V. to:-
Burgess & Partners
Castle Buildings
Wombey Street
Cardiff CF1 3RG

LEEDS POLYTECHNIC
 Faculty of Design and the Environment (formerly the Brunswick School of the Environment)
 Applications are invited for the following posts in new departments to be established within the Faculty:
Department of Architecture and Landscape

PRINCIPAL LECTURER
 To be responsible for a major contribution to the academic leadership and development of courses. Applicants should be registered architects, and have considerable practical and teaching experience. Membership of RIBA would be desirable, but is not essential.

SENIOR LECTURER (3 Posts)
LECTURER II (1 Post)
 Candidates with proven experience in Building Services, Fabrication, Computing, Architecture History/Theory, or Energy, are invited to apply for the above posts. In addition to registration as an architect, applicants should be able to demonstrate active research interests.

LECTURER II (LANDSCAPE ARCHITECTURE)
 Applications are invited from qualified landscape architects with experience in education and/or practice. Experience is sought in the following areas:

Broadacre Green Structural design
 Urban Landscape design
 Rural Landscape and resource utilisation
 A higher degree and active interests would be an advantage.
Salary Scale:
 Lecturer II: £8,076 - £12,945
 Senior Lecturer: £11,958 - £14,046 (bar)
 £18,045
 Principal Lecturer: £14,013 - £15,600 (bar)
 £17,618

Details from: Mrs H Cate, Staffing Officer, Leeds Polytechnic,
 26 Queen Square, Leeds LS2 8AF. Tel: (0532) 462355.
 Closing Date: 8 August 1986 PLEASE ENCLOSE S.A.E.
 Leeds is an equal opportunity employer.

Brent Development Architects

Brent Development controls a large programme of capital projects and in an expanding work load a significant proportion is entrusted to private Architectural practices. As a result our Consultant Liaison Team for Housing Projects plays an important role in the organisation, establishing links with the Client Department, commissioning work and monitoring its progress to handover. Due to a recent promotion applications are now sought for:

Consultant Liaison Officer
Architect/Surveyor - PO1B

Salary £11,800-£12,985 p.a. plus £1,135 L.W. and supplements. As Head of the Consultant Liaison Team for Housing Projects, you should be a suitably qualified and experienced Architect or Surveyor, from either the public or private sector, must be technically competent in housing rehabilitation work and capable of dealing directly at senior level in the private practices commissioned. Methodical and thorough administration is a top requisite for this important function.
 Brent is an Equal Opportunity Employer. Applications are welcome from candidates irrespective of race, nationality, ethnic or national origin, age, marital status, gender, disability and gay and lesbian from disabled persons. All are welcome.
 Application forms and job descriptions from the Personnel Division Room 1, Brent Town Hall Annex, Kings Drive, Wembley. M20 9AR returnable 8th August telephone 01-800 0271 24 hours Answering Service. Reference number D/550 must be quoted.

London Borough of
BRENT

Recruitment Holdings Limited
 We are currently seeking personnel for permanent and temporary vacancies in the following areas:-
SENIOR ARCHITECTS
 Harrogate, Surrey.
ARCHITECTS & TECHNICIANS
 London, Harrogate, Surrey, Cambridge.
ARCHITECTURAL ASSISTANTS
 London, Harrogate
INTERIOR DESIGNERS
 London

Recruitment Holdings Ltd
 INTERNATIONAL RECRUITMENT CONSULTANTS
 The Cedars, Church Road, Ashford, Kent TN23 1RG
 Tel: Ashford (0233) 28371
 Telex: 985423 Refree

BILLERICAY, ESSEX
HIGHER SALARIES FOR YOUNG ARCHITECTS
 expanding practice needs project Architects for prestige clients.
 Permanent positions.
 F.W. or telephone interview.
John Strong & Partners
 88a High Street
 Billericay CM12 9BT
 Tel: 057 743101

ARCHITECTURAL TECHNICIAN
 minimum 3 years experience required in very busy practice in Loughton, Essex.
 Please send details to:-
White & Milleson
 1 Connaught Avenue, Loughton, Essex IG10 4DR
 Tel: 01-508 3834

DATA DRAW
 London's leading independent construction computer graphics experts
 looking for proven
GDS PROFESSIONALS
 with technical architectural backgrounds to help push back further the boundaries of computer graphics applications in the building professions.
 The ideal candidates will be self-motivated and quick thinking and will regard the further development of their computer application skills as their main priority. For the right people salary will not be an obstacle.
 To learn more contact
Jonathan Nathan
 01-379 5958

BROADWAY & MALYAN
 are seeking enthusiastic staff for the following vacancies in our Weybridge office
QUALIFIED ARCHITECTS
 an opportunity to be involved from inception with a variety of exciting new housing, retail and commercial projects.
CONSERVATION ARCHITECT
 to work with our other historic building experts on the conservation of several important buildings.
 Please write with C.V. to:-
All Reid
Broadway & Malyan
Chartered Architects
Osprey House, Station Road
Addlestone
Weybridge
Surrey KT16 5BH
Tel: 0932 46899

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Surrey KT16 5BH
Tel: 0932 46899

RHWL
 77 Endell Street
 London WC2H 9AJ

Renton Howard Wood Levin Partnership

1. ARCHITECT/TECHNICIAN

with particular interest in development of auditoria design, required to work in specialist group. Card model making/photographic ability useful.

2. ARCHITECT/TECHNICIAN
 to join team responsible for refurbishment of Victorian Theatres.

Please apply with C.V., marking your application "Theatres" to Janetta Payne at the above address.

Formwood, who manufacture Formlux and Hagerup open-cell ceiling systems, are committed to providing technical support and advice to designers and installers ensure the successful installation and integration of these ceilings with associated lighting, air conditioning and heating services.
 In line with this policy we are seeking persons of high calibre for the following positions both based at our headquarters in Coleford, West Gloucestershire.

PROJECT CO-ORDINATOR
 Responsible for providing technical support to the company's sales division including co-ordinating the technical design and manufacture of special ceiling systems and on site advice to installers and designers.
 The successful applicant will ideally be in his/her late 20s technically qualified to HNC/HND standard in Building with minimum of 5 years experience in an architectural practice. Skilled draughtsmanship and an ability to communicate technical information with clarity is required and knowledge of C.A.D. systems, whilst not essential, would be of benefit.
 The job will involve travel throughout the UK and Europe. A company car will be provided.

TECHNICAL ASSISTANT
 Based in the Technical Department and responsible for providing a technical advisory service to architect designers and installers as well as providing specialist technical information to the sales function.
 This challenging position requires a person educated to minimum TEC standard in a building discipline and who is able to impart technical information clearly and consistently both verbal and written form. Experience in architectural practice is desirable and an ability to read and draw construction drawings is essential.
 If you have the necessary experience and qualifications either of these positions, then write with full personal and career details to:
Geoff Walsh
Technical Manager
Formwood Limited
Coleford, Glos GL16 6PR

ARCHITECTS
Specialising in Shopping Centres
 Two Architects with 5 years plus experience and proven track record in major retail developments are sought to head up new teams operating within our Shopping Centre and Shopping Centre Refurbishment sector group.
 The positions offer the potential of a front line role in an expanding practice and the opportunity to exercise design and management skills on challenging projects in a energetic office.
 Career prospects excellent.
 Temporary accommodation available W.I. to enable relocation.
 Write with C.V. to:-
Max Mallin
3/4 Bentinck Street
London W1M 5RN
Tel: 01-935 5481

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 Career prospects excellent.
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 Write with C.V. to:-
Max Mallin
3/4 Bentinck Street
London W1M 5RN
Tel: 01-935 5481

LESLIE JONES Architects

ARCHITECTURAL TECHNICIAN

McCarthy & Stone plc has grown rapidly through specialising in providing for the needs of the elderly and now has an extensive and diverse range of work programmed for the future.
 Expansion of the company and internal promotion has resulted in the need for an Architectural Technician to work as part of the design team based in our South and South-West Regional Office in New Milton, Hampshire (near Bournemouth).
 Work will primarily involve submissions for planning and building regulation approval and construction supervision. Candidates should be enthusiastic and enjoy working in a productive and extremely busy environment.
 Considerable opportunities exist for career advancement and an attractive salary and benefits are available to the right person.

McCarthy & Stone
 Building for safe, secure retirement
 If you are interested please ring or write application form to: Walter Williams RIBA Architect, McCarthy & Stone (Development) Ltd, Queensway House, 11 Queensway, New Milton, Hampshire BH25 5NR. Tel: (0429) 861222

ARCHITECTS, TECHNICIANS & INTERIOR DESIGNERS

CONTRACT OR PERMANENT
 Send c.v. or call

EMANCO LIMITED
 Engineering Management Consultants
 4 Gurney Road, London WC1B 3NH
 Telephone 01 373 0831
 Telex 9531182 and 263284
 Cable: Emanco London W1

BDP

Building Design Partnerships London office urgently requires technically competent and self motivated:

ARCHITECTURAL ASSISTANTS
 with 3-5 years experience, and an

ARCHITECTURAL TECHNICIAN
 with proven experience on large scale commercial projects.

Please send us C.V.'s and examples of work to:-

Pat Lamer,
Building Design Partnership,
PO Box 4WD,
16 Gresse Street,
London W1A 4WD.

tsa
 Please contact David Taylor,
 Technical Staff Appointments Ltd,
 Alliance House, 11 Grafton Street, SW1
 Tel: 01-922 5953 (5 lines)

1. WEYBRIDGE, Surrey, busy practice need Architect/Planner and/or planning technician. Sal. neg.
 2. HANTS. (N.) Private practice are always interested to hear of good young Architects with proven design skills. Sal. neg.
 3. LONDON, N.E. Small practice handling domestic refurbishment work need a young Architect with 3-5 years experience. Sal. to £14,000. Consider somebody just past Part II for training.
 4. CITY OF LONDON. Architect with experience of refurbishment work preferably on listed buildings is needed by a busy practice. Sal. neg. to about £13,000.
 5. NOTTINGHAM, Surrey, busy practice require a senior technician with HNC of equivalent and about 10 years experience to work on housing, housing and other projects. Sal. neg.
 6. BROMLEY, Kent. Architects need a Chartered Building Surveyor, past under 40 hrs inspection, maintenance and repair work on listed buildings. Salary £18,000-£14,000.
 7. LONDON, S.W.1. Well known practice need an experienced technician with good UK experience to work on project at Twickenham. Sal. to £12,000.
 8. ALTON KEYNES. Experienced technician for temporary post on housing offices, etc. Good rates.
 9. BEDFORD. Architects required for a variety of work on amenity and general purpose buildings. Sal. neg.
 10. HITCHING, Herts. Private practice need an Architect aged 25-35 and a technician aged 20-30. Majority of work is on housing. Sal. neg.
 11. WEST LONDON practice need an experienced technician with some experience of residential refurbishments. Sal. to £13,500.
 12. SOUTH KENSINGTON. Practice needs experienced technicians to help with high-tech projects. Sal. neg.
 13. NEWCASTLE UPON TYNE. Busy practice needs technicians for wide range of projects. Sal. neg.
 14. SOUTHWICK, Surrey. Vacancy for a school-leaver to train in the architects department of a well known building company. Anybody know of one?
 15. LONDON, N.W.1. Busy practice near Regents Park are looking for an architectural assistant with some experience, probably about 18. Sal. neg.
 16. WEST WYCHAM, Sussex. Graduate architect to assist with urgent drawing programme for interior layouts/fitting out works and help with technical studies and detailed briefing development. Also draughtsmanship to assist with interior layouts and details. Sal. neg.
 17. IT. REITS, Cambs. Busy practice need a technician to help with commercial refurbishment projects. Consider either temporary or permanent staff.

Architect and Architectural Technicians
City of London

An opportunity has arisen for an Architect and two Architectural Technicians to join the office of the Regional Architect (Head Office) in London. The office deals with the design, building and maintenance of Lloyds Bank's Head Office buildings in and around London.
 Applications giving details of age, education, qualifications and experience, should be sent to:
 The Regional Architect
 (Head Office)
 Lloyds Bank Plc
 Black Horse House
 78 Cannon Street
 London EC4A 3DF.

The successful Architect will have some years experience since qualifying, and initial remuneration will be in the region of £15,300 pa. The Architectural Technicians should have HNC or the equivalent Higher TEC Certificate, and initial remuneration will be between

Lloyds Bank

A THOROUGH BRED AMONGST BANKS.

THE HODGES, HAXWORTH, JONES PARTNERSHIP
 urgently require a self motivated and enthusiastic

ARCHITECT
 preferably with 3-4 years post qualification experience to help establish Harrogate office for small London practice.
 Send C.V. to: Bridgette Hobbs at 24 Middle Street, London EC1A 7JA

Solon Cooperative Housing Services
Design Group
 require an

ARCHITECT OR SURVEYOR

with at least 3 years relevant experience to take charge of new-build and rehabilitation projects from feasibility to completion.
 We are looking for someone with good technical understanding who cares about the quality of design, and is interested in working directly with the members of a variety of housing cooperatives in East London, from all ethnic backgrounds.
 Please telephone Jan Lathwell on 01-248 9838 for an application form or information: SCHS Ltd, (218 Whitechapel Road, London E1 1BJ) is a secondary housing cooperative managed collectively. We are committed to an equal opportunities employment policy and applications from ethnic minorities are particularly welcomed.
 Salary £13,896
 Closing date: 30th July 1986

ARCHITECT
 required by young expanding practice. Our workload is diverse and exciting and currently should carry us through to 1988.
 We are looking for someone with a minimum of 3 years experience, since qualifying and offer a salary of c.£14K + incentive package.
 Apply with C.V. to:-
Sampson Associates
20-22 Yeary Street
London KT1 1TE

INTERIOR DESIGNER
 with experience in Retail Design required until December.
 Hourly rates on contract basis.
 Phone 840 8668
Kenningsley Samson Associates
18 Filcroft Street
London W3H 8DJ

Thames Polytechnic
 Incorporating Avery Hill College
ARCHITECTURE
 Recognised PART-TIME degree and diploma courses exempting from RIBA Parts 1, 2 and 3.
HONOURS DEGREE COURSE
 Places are available for qualified applicants.
DIPLOMA AND SPECIAL ENTRY COURSE
 Places available to Assistants/Senior Assistants in professional offices.

Thames Polytechnic
 Incorporating Avery Hill College
LANDSCAPE ARCHITECTURE
 Part-time Diploma Course at Thames Polytechnic (Landscape Institute Parts 1, 2 and 3)
 Graduates and professionally qualified candidates are invited to apply for admission to the 4 year part-time day-release Diploma course in Landscape Architecture offered by the Polytechnic School of Architecture and Landscape.
 Situated on the large and very accessible Oxford Campus, the School has unrivalled facilities for educating part-time students in the academic and professional aspects of landscape design.
 Prospectus and application forms from: Assistant Registrar, Thames Polytechnic, Oakfield Lane, Dartford, Kent DA1 2SZ. Telephone: Dartford 21328, extn. 258.

ARCHITECTURAL ASSISTANTS
 Immediate vacancies for capable Assistants to deal with varied hospital/work offices in E13 and Woodford. Also surveys and measured drawings of housing in W1C office.
 For detailed info Professional and Technical Services 01-465 1694 at 55 Putnam Road, London NW5 5LE.

SMALL, BUSY WEST END PRACTICE
 Permanent position available from August for competent, responsible and experienced architectural/technical assistant, to work upon small to medium projects from inception to completion, covering all aspects of practice.
 Please write, giving CV details and anticipated salary to:
Andrew Downes RIBA
The Downes O'Connell Partnership
11 Cross Keys Close, London W1M 8FY

Design School in Belgium requires full time
SENIOR TUTOR
 with architectural and decorative experience.
 Salary by negotiation.
 Applications to:
Box 3931
C/o Building Design
30 Calverwood Street
Woolwich
London SE18 6QH

Senior Architect or Technician
 London
 age group 35-50
 with ability to produce rapid detailed drawings and sound knowledge of building regulations and construction.
 Excellent salary and prospects for the right applicant who should have a preference for design and co-ordination of the construction phase than design.
 References essential.
 Telephone for discussion/appointment:
Wimpole & Partners
01-728 6411

Architect/Technician/Interior Designer
 (preferably at three in one)
 with proven design and detailing ability urgently required to join our rapidly growing practice, working nationwide on a wide variety of exciting projects from pub and restaurant interiors to traditional architectural jobs.
 Please write with C.V. or phone.
Kevin Bradbury
068 981 3718
Derby O'Connell Partnership
11 Cross Keys Close, London W1M 8FY

Architectural Technician/Assistant Architect
 Practice specialising in the care and repair of historic buildings requires an Architectural Technician or Assistant Architect to join the team.
 The post will be based at Castle Abbey, Tickell, Derbyshire, and is initially for a period of 3 years. Previous experience in the conservation and repair of historic buildings would be an advantage.
 Salary negotiable.
 In the first instance please apply in writing to:
Sheffield Homes
Rodney Mervin and Associates
50/51 Wooding Street
London WC2E 8JY

Montrose Architecture
 ARCHITECT
 £12,000-
 £14,000 p.a.
 £10,000 p.a. for a 2nd year student or graduate with a 1st year honours degree in Architecture or a 2nd year honours degree in a related subject. Full membership of the Institution of Architects is required. Salary negotiable. 18 Weymouth Street, Weymouth. Recruitment Consultants

OFFICE TO LET
OFFICE ACCOMMODATION
 400 square feet, suite of two offices in West End to include heat, light, rates, reception services and use of conference room.
 £2,000 p.a.
 Telephone
01-636 7668

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ARCHITECT & TECHNICIAN
 of high design and detailing ability urgently required to participate in growth of small interior practice. Experience on high quality office projects an advantage.
 Apply in writing with C.V. to:
Macdonald Lister
Chartered Architects
44-46 Chancery Lane
West Yorkshire

FERREY & MENNIM
 18 Minster Yard, York
 Urgently require an
Architect & Architectural Technician
 With minimum 3 years post qualification experience.
 Apply in writing with CV to
Richard Carr-Architect

ARCHITECTURAL TECHNICIAN
 East Midlands
 Our client a respected and successful developer seeks to recruit a dedicated professional to undertake a responsible position producing housing layouts, site surveys and working drawings. Salary up to £11,000 plus company car.
 DESIGN TO BUILD PERSONNEL
 City House, Mad Martin Way
 Nottingham NG1 6B1
 Telephone (0502) 472628
 24 hours

Chassey Wright Architects
ARCHITECTS
 (RIBA Part 2 & 3)
 required for a range of creative planning projects, retail and industry, in a ten person practice. 3-5 years minimum experience essential. Salary negotiable.
 Tel: 01-492 3233

SCOTTISH TRANSLATIONS
 Small young friendly practice requires
 ARCHITECT
 to join recently opened office in Portree, Isle of Skye.
 ARCHITECTURAL ASSISTANT
 (possibly full time graduate) for Skye or Eastern Ross offices.
 MacKenzie, Part Associates
 Roseville 17/18 B/F
 0349 832119

WESTERHAAVE - KENT
 enthusiastic 25-30 year old
TECHNICIAN
 HNC or equivalent required for very busy Architectural/Surveyors office, varied workload, salary by arrangement.

Small West London practice
 require
GRADUATE PART II
 experience in residential, to work on housing offices and hotels at various stages of development.
 Tel 01-741 1066

N.E.T.W.O.R.K.
 RECRUITMENT CONSULTANTS
CONTRACT WORK
 We urgently require for various temporary assignments in London and Home Counties, Architects, Technicians, Senior Office Planners and Interior Designers.
 So if you are available at short notice
 phone Tim Loftus
 Steve McAllister 01-828 6994
 Grove Road Gardens House
 35-37 Grove Road Gardens
 Victoria SW1

Montrose Architecture
 MAKE THE MOST OF IT
 £12,000-
 £14,000 p.a.
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